# Mohave County Miner.

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Easy street. The great mine makers money for prospects that look better of the country are willing to pay such than they really are .- Denver Mining a man almost any salary he may de- Record. mand, and if he chooses to work himself he can soon pile up a fortune out of the profits of buying and selling mining ground.

Definite rules or directions for judging a prospect are lacking. Prospectors and buyers of prospects are guided to a large extent by what they call a "hunch," and a hunch, when it is of tude of the amount involved, for with any value, is an opinion based on unformulated experience.

The most valuable experience in esthorough familiarity with the surface developed into producing mines. To a limited extent this experience can as a general rule, for example, that if there is a good showing of copper carthere will be an enriched zone when with depth, while below the permanent water level there will be a zone experience however, that is of service must be learned from the ground and not from descriptions.

Because undeveloped ore bodies cannot be measured and their value accurately estimated, it is not to be assumed that money invested in undeveloped ground is not wisely invested. copper mines, men like the Guggenheims, Heinze, and Giroux, are now

Once ore has been found, a study of tent of the ore bodies. The position of undeveloped ground relative to developed ground is also of importance. A prespect is not necessarily valuable but knowledge of the trend of the ore its continuation into the prospect. support of information obtained from the workings of the Copper Queen.

will not last.

prospect buyer as well as of the mine

tests as well as ordinary assays should the gangue as well as the ore it carheavy, it may be practically impossible to secure a commercial separation of the two, and for this reason the ore pany, which is still all powerful. may be worthless. There are other possible complications that produce metallurgical snags.

build a reduction plant until there is and agencies the company could conenough ore in sight to keep it sup- trol public opinion, or that which management as those in control of the costing as a whole, only 1,028,6808, enough ore in sight to keep it supplied, it is a safe plan to have prestood for it. With the increase of popular, it is a safe plan to have prestood for it. With the increase of popular old companies will retain their interwood acres of govern
| Trol public opinion, or that which plied, it is a safe plan to have prestood for it. With the increase of popular old companies will retain their interwood acres of govern| 50c and 18. Sold by Watkins Drug liminary metallurgical work done be- ulation, largely consisting of men who ests and control the new organization. ment land and 20,000 acres of Pima Store.

When a man gets to be reasonably ceeds. Work on ore that is too re-

#### Mining in Rhodesia. It was recently cabled from London

that the losses of the Rhodesia Gold-

fields Corporation amounted to half a million sterling. The company is by no means singular in this respect, except it be with regard to the magnihardly an exception the record of the big concerns operating in Rhodesia has been one of failure. Tais, it is alleged timating the value of a prospect is by those most familiar with local conditions and resources, has not been showings of prospects that have been due so much to the low grade of the ore treated as to the heavy over-capitalization of the companies, and the inbe formulated. It may be laid down cubus of the Chartered company. Enterprises which might, under proper management, and with a fair field, bonates on the surface, from which the have paid dividends on a subscribed copper has been partially leached, capital of tens of thousands, have been required to find profits on hundreds of the permanent water level is reached thousands largely represented by preference shares. They have further been heavily handicapped by the exof unaltered sulphides. Most of the actions of the Chartered company. which claims royalty as territorial in sizing up a prospect cannot be put overlord. Against this there has been into words. The earmarks of a mine a long continued, but futile outcry, and one by one the strangled enterprises have been abandoned. The position in regard to the general outlook was made the more critical by the stock diseases-the rindeperpest and tick-which played such havoc with tne herds; and the depression ensuing Men that have already made great on the lack of employment, coupled with these other losses, brought matters to a pass which looked particuspending large sums, on the strength | Lurly ominous for the country. More of surface showings, in developing recently, however, there has been a prospects and converting them into decided improvement, and somewhat strangely, if the fact was considered apart from its Rhodesian surroundings, the geological formations will be of small companies have succeeded where value in determining the probable ex- the big ones have failed. The stoppage of these latter threw a great number of these men idle. A considerable proportion of these drifted to the Rand at the close of the war, and because it lies next to a great mine, many of those wno remained formed themselves into small co-operative in the mine may be all that is required companies, to make for themselves the in making a safe prediction regarding work not otherwise obtainable. Some took tributes from the large compan-Knowledge of the direction and nabit ics; some made arrangements with of the ore bodies is all that the mine these latter to work over their tailings operator has to guide him in keeping and one dumps, while some took up the reserve ahead of production. The new areas of limited extent. The genground owned by the Calumet & Ari- eral result has been most satisfactory, zona, at Bisbee, was bought on the and wome all the parties have not been successful, most of them have done remarkably well. In consequence there When the ore occurs in large bodies nas been a well marked reaction in of low grade, there is less risk than the direction of general improvement. when dependence is placed on string- The men who wandered farther afield ers or pockets of high grade ore, have been induced to return. Others Prospects in which the ore is a pretty have been attracted by the evidence quartz with free gold showing in ap- that it is possible to make Rhodesia parently large quantities are good a working miner's country. The new prospects to sell. The experienced development has been encouraged by prospector will let them go on the the Chartered company, which now best terms he can obtain, in the first concedes far better terms to the coplace because the ore is not so rich as operative party than it formerly did to it looks, and in the second place he the large company. The stagnation on can be reasonably sure that the ore the Rand has caused many of the miners from that field to work up north, Carefully taken samples accurately and Rhodesia is now regarded as perassayed are the chief reliance of the haps the most promising-some even say the most prosperous-portion of buyer. Ore on the surface or near the British South Africa. The improvesurface is generally the main reason ment in the mining ontlook is reflected for expecting to find ore further down. in the farming advance. The stock From the very first, metallurgical pasts having exhausted their violence, the farming industry has reacted on be made. Whether the ore can be the other. Farmers and cattle raisers mined at a profit or not depends on are doing well, and holding that four years ago failed to find purchasers ries. If the metal-bearing minerals when offered for 200£, are now readily are of light weight, for example, or saleable at four or five times that the gangue minerals exceptionally value. Locally the prospect is regarded as most satisfactory, shadowed only by the influence of the Chartered com-

While the population remained a stationary, or a decreasing quantity, the influence was easily maintained, While it is not a good policy to because through its various interests

upon for the personal benefit of the terest of economy and enlarged opera- acre. And one acre of the land under proficient in sizing up the value of a fractory to be handled profitably will company's shareholders, a real public tions. Both mills of the old companies the San Carlos dam, because of our prospect, he has found a short cut to thus be avoided, and also paying good opinion is growing up, and is steadily are now running full time, turning out climatic conditions and the unequaled increasing in force. As it grows, so concentrates running 35 per cent cop- fertility of the soil, would raise more will grow the demand for the cancella- per, and are earning good profits. tion of the Charter upon what terms the Imperial Government may think for an increase in the capacity of the going facts cannot be successfully disfit, even as the Cnarter of the Hon. Big Lead mill from 50 to 150 tons per East India company was cancelled, so that Rhodesia may be able to accom- other 5)-ton mill of the company, now its expenditure of the reclamation plish its own salvation on the same in operation, will give the new com- funds. The reclamation department lines as any other British colony. It is claimed that the country has within per mill day. Work on the addition incompetency or rascality, or of both. itself all the elements of success, in its to the Big Lead mill will be comrich and varied mineral resources, its menced within thirty days from this vast forests and fertile lands, if the de- date and it will be rushed to complevelopment of these is permitted and tion as fast as possible. encouraged as are those of other Crown dependencies. The prospect of improving as development work prodoing this under the aegis of the Chartered company may be counted not be far off. out, and as the popular aspiration is in every way a most worthy one, it may be expected that in the near fu- from Kelvin to that point is nearing ture the Imperial government will completion and every day sees infind a way of affording opportunity for its realization. - Australian Mining

#### Abandons Gostly Plant.

A New York dispatch says: As a resuit of a recent decision of the United States supre ne court in a suit against the Tennessee Copper company of this city, in which the latter was charged with destroying vegetation owing to escape of noxious fumes from its smeiter, the American Smelting and Refining company has been compelled to abandon its new 3,000,000s smerter at San Mateo, on San Francisco bay. Back of the site of the smelter are some fine residences commanding a view of the Golden Gate. As soon as the owners heard the decision of the supreme court against the Tennessee Copper company, notification was given to the smeiting trust interests that actions for damages would be begun. The decision in the Tennessee Copper trade. - Florence Blade, suit, in which the supreme court need that the smelting interests were responsible for the devastation created by the sulphuric and other acid fomes to be a costly one for many smelting have to convert the fumes containing the destructive gases into commercial uses, or, in any event, prevent their dissemination. It is stated that the prospector with about enough grub to smelting interests have already spent 1,500,000\$ on the San Mateo smelting money for smokin' purposes. Today

# Dividend Return on Boston Copper

ments at the present rates are 52,375,-88 a share on the 6,675,314 shares of or that enterprise. the stock of the companies concerned. their par value.

share, disburses 12,311,040\$ in the course of a year. Calumet & Hecla that time. paying 80\$ a share on 100,000 shares, ranks second, with a payment of 8,000,-000\$, and Calumet & Arizona, with a changed since 1900. The eyes of the 20\$ payment, puts out 4,000,000\$. Figured on their present selling prices, the aggregate market values of the stocks of these 20 corporations is 547,-130,141\$. The averag dividend return therefore, 5.,375,8328-is approximately 9.6 per cent. For the lavestor who is looking for safe secureties a showing like this must certainly commend itself as exceptionally attractive.

# A Consolidation at Ray.

The Calumet Copper Mining company and the Big Lead Mining company have been consolidated under the name of "Kelvin-Calumet Copper Minstate of Delaware.

mill day of 24 hours. This, with the folly and waste of the government in pany a total mill capacity of 200 tons is badly in need of purging either of

The company's mines are steadily

The Ray camp is now one of the busiest in the territory. The railroad creased activity in the mines of the also at those of the Hercules company, wnile a number of adjacent but less noted properties are undergoing development as fast as men and money can accomplish the task.

transformation in the shape of remodelling and the installation of new completion and will soon be turning out concentrates at a rate that will, freight of the camp, tax the P. & E. rolling stock to its limit.

boin Ray and Kelvin is increasing

# Jim Butler, the ramer of Tonopah.

Jim Butler, "tne father of Tonopah," and the father of New Nevada, was in to the surrounding country, has proved Rhyolite last Friday afternoon, coming from Tonopan in his big 60-horse interests. Henceforth the latter will Durrac car, which bears the words 'Mizpah 1950" in big letters.

Jim Butler went to Tonopah seven years ago just a common everyday last him a month or two and enough he is rated at a million and a haif dollars. With all his wealth, he has failed to develop the egotism and bigneadness which sometimes comes as a Interesting in connection with the result of suddenly reaching the pinrecent revival of the speculative ac- nacle of fame and fortune. Jim is just tivity in the Boston copper shares is a plain Jim to everybody, just the same tabulation just made of the dividerd as ne was in days gone by. His genreturns on Boston's 20 copper divi- erosity and his never-failing interest dend payers. From this it appears in the boys are strong features of his that the aggregate annual disburse- character. He is always helping somebody who has had an unfortunate ex-8328, or an average of approximately perience or backing someone in this

One may take occasion to ponder This is equivalent to 14.95 per cent on over what has been wrought in Neva- of government authority, in order to da since Jim Butler and his good wife keep down excessive freight and pas-Tue big Amalgamated company, first put monuments on the Mizpah. with an annual dividend rate of 8\$ a All the development of the New Nevada has been brought about since

> the map of the mining world has mining world, which had long been anywhere but upon this commonwealth Mizpah and then invested 20,000\$ in stock, which went soaring up to twenty times what he paid for it.—Bulletin.

dam and canal system, at a cost of M. & S. Press. about 2,500,000\$, that reclaims only 30,000 acres of land. This land was thrown open to settlement last week, but the homesteaders are required to ing company." The new company is pay 458 per acre for it. According to incorporated under the laws of the the estimates of the engineers, the San Carlos dam and the canal system There will be no change in the local planned in connection with it, and

Sizing Up the Value of a Prospect fore development begins and as it pro- fail to see why they should be levied The consolidation was made in the in- Indian land, at a cost of only 88 per in a year than could be raised on five Plans have already been perfected acres of the Huntley land. The foreputed and they aptly illustrate the -Florence Blade.

#### Bad Policy.

A raise on freight rates has become a serious problem at Christmas. It is said that the freight rates on coal, gresses and the day of dividends should coke and lumber has been nearly doubled since the change in ownership of the P. & E. railroad. As the Christmas company are large consumers of these three commodities the increased freight rates add very largely to the operating expenses of both the Ray and Gila Copper companies and mines and smelting plant at Christmas. These large low-grade mines are good profit yielders under favorable freight conpitions, but not so under adverse freight conditions. We understand that the rate now in force on the The Ray Copper company's mill at three commodities above named is Kelvin, which has been undergoing a about the same as was the wagon freight rate prior to the advent of the railroad, and if so, it is practically and modern machinery, is nearing prohibitive in a low-grade camp. While we are not familiar with the ins and outs and the ways and wherewith the product of the Kelvin Calu- fores of railroad business, it looks to met mills and the ores and general us as if a prohibitive raise on freight rates is equivalent to "killing the goose that lays the golden egg. At Activity in every line of business at any rate, such a policy will discourage investments in low-grade mines here daily. The mercantile establishments and that is bad for the country and are crowded with customers and the bad for the railroad as well. It is the meat and/produce markets are rushed big low-grade mines that make busito meet the requirements of their ness for both the country and the railroads, and the latter can increase their traffic here only by encouraging the development and operation of such properties.-Florence Blade.

# Prices in Klondike.

The wages of mechanics in the Yukon Territory, per day of 10 hours, is 10\$; common laborers, with board, 4\$ to 5\$; without board, 6\$; draft teams, per day, (two horses), 25%; clerks, per montl, 150\$ to 3008. Everything consumed in the way of living costs from two to three times as much in this country as it does in the United States. There is no article sold for less than 25c., no matter how trivial, as there is no money in circulation of a lesser denomination than that amount. The cost of living will remain high as long as the means of getting supplies into the country remain as they are, and what is true of the Yukon territory is true of the Yukon valley from the Alaskan line to the coast. The only relief suggested for these conditions is a trunk-line railroad from the open sea into the heart of this great valley, to be in some way under the control senger rates.-M. & S. Press.

# Copper Output of Canada.

The production of copper in British The map of the state of Nevada and Columbia has increased 833 per cent during the past ten years, while the remainder of Canada has increased but .0 per cent. The whole of Canada produced 13,300,802 lb. in 1907, British have again been turned this way, to Columbia's share being 5,325,180 lb., remain apparently forever and a day. while of the estimated 55,000,000 lb. He got 360,0008 in cash out of the total production in 1906, British Columbia's output was 43,000,000 lb. A Canadian editor stated that the dividends declared last year by British The reclamation service has just Columbia mining companies amounted completed, at Huntley, Montana, a to between 3,000,000\$ and 4,000,000\$.-

# All the World

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